

BAY AREA MICRO DECISION

USERS ASSOCIATION

«BAMDU»

NEWSLETTER
OCTOBER 1983
VOL. 1, ISSUE #6

TO ORDER YOUR COPY OF THIS PUBLICATION
PLEASE CONTACT THE BAY AREA MICRO DECISION
USERS ASSOCIATION

BAMDU, P.O. BOX 5152,
BERKELEY, CA 94704

 * **CROSSTALK BY MICROSTUF (COMMUNICATIONS SOFTWARE)** *
 * *
 * File transfer between two computers with or without modems. *
 * Error checking. Electronic mail. Data Capture. Download. Upload. *
 * List Price \$195.00 Our Price \$159.00 with this coupon *

SPECIAL SALE ON PRINTERS

Printer	Description	List	Sale
Epson RX800FT	100 cps,bidirectional,80 column standard,friction & tractor.	595.00	529.00
Okidata R2A	Speed 120 cps, bidirectional 80column standard,132 condensed. serial & parallel incld.	499.00	449.00
Okidata 92	Speed 160 cps,40cps correspondence mode,Centronics parallel.	599.00	549.00
Okidata 93	Speed 160 cps, 40 cps correspondence 16" wide forms, Centronics parallel.	999.00	899.00
Hannemann MT-160 L	Speed 160 cps.Tractor & friction correspondence quickly 40cps,serial & parallel both incld.10,12,16,20 cpi.	798.00	720.00
Dynax DX15 (Brother)	Letter quality delay wheel printer 13 cps bidirectional with 3k buffer. Options: Keyboard, 5k add on buffer, auto cut sheet. Parallel.	599.00	539.00
C. Itab R510	120 cps, bidirectional,136 column condensed,1k buffer, tractor feed. Graphics. parallel interface.	495.00	435.00
Star 10X	120 cps, bidirectional,80 column standard,136 condensed,parallel.	399.00	340.00

WE ALSO CARRY QUME, NEC AND DIABLO PRINTERS. PLEASE CONTACT US.
 Offers expire November 30, 1983.

**monarch
 computers inc.**

863c San Pablo Ave., Albany Ca 94706

(415) 326-7741

```
=====
#                                     #
#      BAY AREA MICRO DECISION USERS ASSOCIATION      #
#      A Morrow computer users' group                #
#                                                     #
=====
```

Monthly newsletter, Vol. 1, issue 6, October 1983

BANDUA, P.O. Box 5152, Berkeley, CA 94705
(415) 658-0152

BANDUA, the Bay Area Micro Decision Users Association, is open to all who are interested in Morrow's Micro Decision computers. Membership fee is currently \$12 per year and includes a subscription to our monthly newsletter. For information, membership application forms, etc., please send a self-addressed stamped envelope to the BANDUA P.O. Box.

BANDUA meetings are held every last Tuesday of the month.

```
++ Next meeting: ++++++
+
+   WHEN:  Tuesday, 25th October 1983, 7:30 PM      +
+   WHERE:  Cal State College Hayward                +
+           South Science Building, room 147         +
+   HOST:   Marvin Winzenread, our librarian, who will +
+           demonstrate to us his array of MD-2's all +
+           interconnected via a larger computer.     +
+                                                     +
+++++
```

How to get there by car: From Nimitz freeway (17) take the Jackson Street/San Mateo Bridge exit going East. After one block go right on Harden. Keep going a couple of miles all the way into the Cal State campus, which is on an obvious hill. Once on campus (top of the hill) take 2nd left and park in the parking lot. Proceed walking in the same direction as you came to the end of the block where you will find the Science Building.

How to get there by BART: Get out in downtown Hayward. Take the bus marked Cal State Hayward to the campus; count on 20 minutes including wait for the bus. Get off at Science Building.

In the South Wing of the Science Building look for room 147 on the ground floor. There will be a BANDUA sign.

The first part of the meeting will deal with business items. Then our guest speaker will take the floor. During the last half hour, small interest groups will discuss issues. This is your chance to make valuable connections and share information person to person. Also during this period, Library diskettes will be sold (\$5 per volume, checks only please). Membership applications will be accepted.

Anyone is welcome to the BANDUA meeting. If you are new to the scene, seek out someone who looks like a BANDUA member (90% of the meeting participants are) and ask him about our organization. PILOT Manuals will be available at the next meeting.

MINUTES OF BANDUA MEETING OF SEPTEMBER 27, 1983

(Held at the West Branch Berkeley Public Library, 7:30 p.m.)

HOUSEKEEPING AGENDA ITEMS

1. By-Laws. The proposed by-laws which appeared in the September issue of BANDUA's newsletter, were seconded and unanimously accepted. Congratulations to all!
2. Meeting Location. BANDUA's staff will check out two leads in San Francisco. Until the end of the year, meeting locations will alternate between Berkeley and San Francisco. Stay posted to the newsletter for details.
3. Library Report. Marvin Winzenread announced the latest addition to our software library - Vol. 4 of games. Soon to be released will be a volume of assembly language related programs. Marvin quizzed our group for more suggestions. Top on the priority list was a utility that will allow us to program the function keys on our terminals. Have any leads? Want to buy BANDUA software by mail? Use the mailorder forms printed in each newsletter.
4. Treasury Report. Ken Briney announced that we have \$742.67 in the bank (as of the end of August). No great sum, but we're in the black. In order to offset growing costs of the newsletter, software, and other organizational needs, we may need to consider raising our membership rates.

GUEST SPEAKER - GEORGE HAYS, ACCOUNTS SUPERVISOR, MORROW

We had a short but intense visit with George Hays who kindly stopped by to talk with us. The following is a summary of our discussion:

Since Osborne Computer recently closed up shop, a member asked George about Morrow's financial health. Morrow's in good shape, he said, showing profits at the end of each quarter. The company is finding it difficult now to meet the ongoing demand

to stockpile parts. They've also begun to run a promo campaign on TV which made its debut on a Bob Hope special several weeks ago. Catch it on your favorite TV show...

For your information, the AIDS Computer Store in San Francisco has changed both its name and location. It is now ComputerSphere and located at 120 Montgomery Street. They can be reached at 434-2980.

George was asked about Morrow's new product line. The MD-11 hard disk, he said, will be available mid-Novemberish. It will be priced around \$2200 - \$2500. There will be no upgrade kit available for MD 2's and 3's. This caused some consternation. One member said that the idea of a "throw-away computer is rather disturbing."



On the documentation front, PILOT manuals are now available. (Be in touch with your dealer if you didn't receive one at our last meeting.) Also, George mentioned one person at Morrow is now compiling a catalogue of CP/M compatible software. (Her name has been omitted to shield her from phone calls.)

SPECIAL INTEREST GROUPS

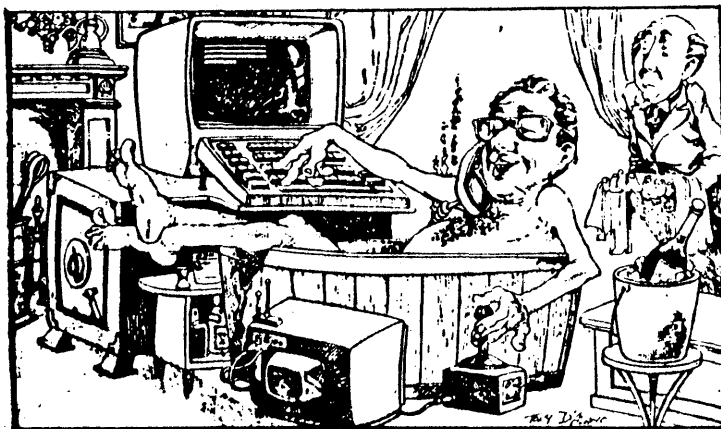
In addition to our usual corner gatherings, we had a demonstration of a PIGGY-BANK(tm) RAMDISK by E-Systems in Berkeley. This memory board adds 384k bytes of bank-switched memory that can be used as a ramdisk or as bank-switched memory, or both. For more info, call E-Systems at (415) 486-0686.

FUTURE MEETING LOCATIONS.

Most of our members live in San Francisco and the East Bay. Refer to the membership geographical tally elsewhere in this issue. We started out with meetings in San Francisco; then we had a few in Berkeley. Now we are planning on alternating meetings between San Francisco and the East Bay, probably Berkeley.

The November meeting will be after Thanksgiving on Tuesday evening November 29th, 1983, in San Francisco. We were given the free use of a splendid auditorium at San Francisco State University. Read the next newsletter for details. The meeting after, we will be back in Berkeley again, -- Tuesday December 27th, 1983. George Morrow, who was unable to attend our October meeting is now scheduled for the December meeting.

We have a smattering of people who live far away (San Jose, Stockton) or very far away (Seattle, Montana, Canada). The former ones may choose to start a group themselves. We'll get you in touch with each other when there is a sizable number of you in or near a remote city and we'll give you a hand getting started. The really-far-away group will be with us in spirit, mainly via the newsletter and via the library issues.



FREEDOM FROM THE STATUS LINE AND MORE

If you have a Freedom 50 or similar terminal you probably have been staring at the glaring status information on line 25. Many people still want to know how to get rid of it. This is how. Enter the following two characters (no space in between!):

`<LCL ESC> g`

To get `<LCL ESC>` hold the shift key down while hitting the ESC key once; now let the shift key go and hit the lower-case g. Voila! The status line is gone. In case you want it back -- but who would want to -- enter:

`<LCL ESC> h`

Is somebody looking over your shoulder and you want to hide your love letter in progress by erasing the screen? Enter:

`<LCL ESC> :`

When the terminal is logically connected to the computer (ON-LINE or Full Duplex Mode) the computer tends to get terribly upset when you enter "escape sequences" like `<ESC> g` on the keyboard. Better to keep your conversation with the terminal private by using "local escape sequences" like `<LCL ESC> g`.

If you want to explore your private conversations with your terminal further it is convenient to go in OFF-LINE or in local mode. This mode is set by entering:

`<LCL ESC> D L`

Local mode means that whatever you enter in the keyboard does not go further than the terminal; it is not sent to the computer. Now the terminal is OFF-LINE. The computer won't receive anything you send to your terminal from the keyboard. Now it is OK to use `<ESC>` instead of `<LCL ESC>`.

Turn to page 34-39 of your Freedom manual and start exploring. When you have had enough and want to go ON-LINE with the computer again enter:

`<ESC> D F`

Hit RETURN. If CP/M is running the familiar `A>` prompt will be with you once again.

TIPS ON PIP

The famous CP/M utility PIP can help you to create text files without using your word processing program. This is particularly useful for the creation of envelopes and labels. PIP has many capabilities and features you might not have dreamed of. Let's explore a few of them.

There is an excellently written article in the Kaypro magazine PRO/FILES about PIP by Steve McMahon, famed librarian of BAKUP, the Kaypro users' group in the Bay area. Here is one dedicated micro aficionado who knows how to write simple and clear English, with a nice touch of humor. The following article deals with some of Steve's material, using a different approach.

NOTE: If you really want to dig into PIP's various attributes read the book by Digital Research: "An introduction to CP/M features and Facilities".

Seat yourself in front of your terminal and try out the following examples as we go along. TYPE THEM EXACTLY AS THEY APPEAR. MAKE SURE TO ENTER ALL COLONS.

Load your CP/M disk in drive A: and a floppy with some space in drive B:. Let's create a text file with PIP as if it was a (very crude) editor. In the following examples all that is underlined is what you type. Everything that is not underlined came from the computer. <CR> means you hit the RETURN key. <LF> means you hit the LINE FEED key.

```
A>PIP B:MYFILE.TXT=CON: <CR>
```

Now type a few lines of text. Terminate each line with both a <CR> and a <LF>. To complete the file type CONTROL-Z (depress the control key while hitting Z once). Now you get the A> prompt again so you will know you are back talking to CP/M. MYFILE.TXT is now stored on your floppy disk on drive B.

You can display the file on the screen again by entering after the A> prompt:

```
A>PIP CON:=B:MYFILE.TXT <CR>
```

Notice that PIP works as a conduit for information. Information always flows from the right side of the equal sign to the left side of the equal sign:

PIP <destination> = <source>

Destination and source can each be either a file or device. File to file transfer happens when you copy a file:

```
A>PIP B:COPYOFMY.FILE=B:MYFILE.TXT <CR>
```

Device to device transfer happens when you transmit the keyed-in line directly to the list device, which is your printer:

```
A>PIP LST:=CON: <CR>
```

This can serve as a quick way to see if your printer works. Or to print an address on an envelope. Or to print a few labels. As you will notice as you try this out, the printing of each line only happens after you terminate that line with a <CR>. To start a new line first go down one line by hitting <LF> .

To return to CP/M type CONTROL-Z.

If you want to transfer many files with similar file names, use the ambiguous file name feature. Rather than MYFILE.TXT you would type *.TXT to refer to all files with the extension TXT. When you say *.* then PIP will understand that you mean to have all files (with any name and any extension) transferred.

PIP also has helpful parameters. You add those parameters to the end of the command line between [] square brackets. Be sure the first square bracket follows the last character of the file name or extension. No spaces in between!

Say you want to print out a file with line numbers added to the beginning of each line. Legal people seem to love that for some reason.

```
A>PIP LST:=B:MYFILE.TXT[ln] <CR>
```

Now you want to add the feature that will send a FORMFEED control character to the printer every 55 lines (p55). You also want to chop off lengthy lines after column 72 (d72). In addition, you want each tab character in the file to be printed as 8 spaces (t8). No, let's make that 5 spaces (OK, t5). And, oh yes, let's have line numbering too, please (n). This is what you enter in the keyboard:

```
A>PIP LST:=B:MYFILE.TXT[p55d72t5n] <CR>
```

It does not matter in which sequence the parameters appear, because PIP is smart and can sort it all out with ease and grace. PIP and CP/M don't mind whether you are using caps or lower case, its the same to them.

By the way, when copying files with PIP it is a good idea to verify the transfer (to check if it all came across

allright) by adding (v), the verify parameter:

```
A>PIP B:COPY.TXT=B:ORIGINAL.TXT(V)
```

Whenever PIP has executed command lines as given in the examples above it will return you to CP/M. What if you want to stay in conversation with PIP a little longer? Use the "interactive mode"! After you execute PIP as shown below (without anything after the word PIP) PIP will offer you its own prompt: *, the asterisk. This is to remind you that you are talking with PIP (*) and not with CP/M (A>). Remember, if you want to end the conversation with PIP you type CONTROL-Z. Here we go:

```
A>PIP <CR>
* LST:=B:MYFILE.TXT [np55t5d72] <CR>
* LST:=CON: <CR>
Goodnight, PIP, so wonderful to talk to you.<CR><LF>
I am going to sign off now, talk to you later.<CR><LF>
<CONTROL-Z>
* <CONTROL-C>
A>
```

You're on your way now. Have fun. Read that article.

FURTHER ADVENTURES WITH MODEM7

by Sytko Andreas

If you call the BANDUA number (415) 658-0152 and it is busy, chances are it is doing modem service. You can send your newsletter articles over the modem by appointment (we don't have a RCPM yet). You can also send Library contributions over the modem. However, when your files total over 32kB please revert to the mailed floppy. At 300 Baud it just takes too long. See story at the end of this article.

Are you ready? All you need is the simplest of modems and a modem program that will work on the Morrow computer. Any of the versions on the first BANDUA Library diskette will do. Here is what you do to get files to BANDUA:

- Call (415) 658-0152 and make an appointment. Agree on:
 - Baud rate to be used (300 and 1200 available)
 - What MODEM PROGRAM to use
 - Start time of the transmission ("in 3 minutes")
 - File name (state length of file)
 - Batch or non-batch mode
 - What to do when things go wrong
- Hang up; go to your computer; run MDM7UDEC or cousin. When you want to send one file tell the MODEM7 menu:

```
SB:YOURFILE.TXT <RETURN>
```

Call 658-0152 again. It rings a few times, then you hear a long beep tone. If your modem is doing the proper thing you will hear another long beep. At the other end the BANDUA's console has been patiently displaying: "AWAITING # 01", etc., while you were frenetically trying to get ready.

If all goes well, the two modem programs start their handshaking and soon your file is on its way to BANDUA. You can watch its progress by the little messages that flash on your screen every 5 seconds or so: "SENDING # 1F", etc. When the file is completely transferred you will see a message to that effect, and you can hang up.

If you want to send a bevy of files, for instance all the files on drive B: with extension .ART (for article!) the do:

SB B:*.ART <RETURN>

The B after the S of "send" stands for "batch". You will see each file name announced as it is being readied for transfer.

Do you need an auto-dialing modem for this? No, manual is fine. Do you need an auto-answering modem for this? No, but BANDUA does and happens to have one. Accoustic modem OK? Sure, but turn the kids low or off during file transfer.

Did you read the MODEM documentation on BANDUA Volume # 1? If only every hacker could write English for consumption of human beings! Try to get hold of the excellent article on MODEM7 and its hundreds of versions in issue # 3 of the bi-monthly magazine "USERS' GUIDE TO CP/M" (P.O. Box 3050, Stanford, CA 94305, or call (415) 851-4836). The name of the article by Kelly Smith and Tony Bove is "DOWNLOADING FROM RCPM SYSTEMS". A very informative and clearly written article on how to use MODEM7 to talk to Remote CP/M (RCPM) and Computerized Bulletin Board Systems (CBBS). If you know of any other crisp and clear articles about modems drop BANDUA a note and we'll list them in the next newsletter. Many people need to understand how to work with these modulator-demodulator devices.



Before you buy a modem check with members of the users group. To try to understand all the different features you need is confusing to most of us and sales people will overload you with feature requirements that may not exist. Perhaps you may be able to hitch on to a good deal, but talk to several people first. (In this issue is an updated list of people on the "Mutual phone support" network; use it. Also, check out the article on the Business Computer Network. Ed.)

Now our war story: The other night Dan Robinson called up to transfer a file to BAMDUA. Inexperienced as we both were, we did not make any of the proper agreements outlined above, but just decided to wing it. Everything started out fine. After doing the dishes I checked -- our computers were still at it! Could anything be wrong? It had been nearly half an hour. I went to another phone to call Dan, but his line was busy. Damn! Oh, of course ...

What if it was just looping or something, trying to transmit the same block over and over again? Should I break it off? But that would be a terrible thing to do if all is OK but it is just a very long file

The thought of having to start the transfer all over again kept me from doing anything drastic. But after 45 minutes I got out my calculator. 300 Baud is about 27 characters per second. That means 96kB in an hour! What file is this?

It was late and I went to bed. Just when I turned off the light something said "BEEP" in the back of the house where the computer lives. Curiosity got the better of me and I went to check: "TRANSFERR COMPLETED" the console beamed proudly in the dark. It was the longest assembly source file I had ever seen on a Micro, weighing in at 97kB!

Then I learned to ask first: "How long is your file?" before agreeing to a modem transfer. Dan in the mean time had gone to find a second phone; tried to call me but had the phone number wrong. So much for good preparation at what first seemed such a simple time saving activity.

THE PIGGY-BANK (tm) RANDISK FROM E-SYSTEMS

What is a RANDISK? Something that can in a way act as a very fast floppy drive, but it is not a floppy drive at all.

The RAM disk operates three to 20 times faster than an actual disk because there are no moving (floppy disk) parts. For those who are primarily involved with heavy-duty word processing, a RAM disk can eliminate delays. Every time you hit a key, you get an immediate result.

Since the RAM disk is interfaced to the computer in the same way an actual drive is, the computer is "bluffed" into thinking it has another disk drive.

E-Systems of Berkeley has made a 384k bytes RAM device that can be used as a RAM disk or as bank-switched memory or both. The bank-switching feature of PIGGY-BANK(tm) works only if you have a version of CP/M that is capable of doing the actual bank-switching, like CP/M+ (CP/M 3.0). Most of us have CP/M 2.2 .

If you have the proper CP/M you can, for instance, add an extra 64kB to your overall memory space, while using the remaining 320kB as a RAM disk. Having both features in use at the same time is kind of a rarity.

It is called PIGGY-BANK(tm) because the 384kB bank of memory with its control logic fits on a board which rides piggy-back on the computer board of the Morrow Micro Decision, that is: You mount it sort of on top of it.

That is the trick they use to get around the lack of expandability inherent to the Morrow MDs. The manufacturers claim that the whole thing can be installed by the user in less than 30 minutes. There is a small manual available to tell you every move you should make, screw by screw. You may be able to obtain a copy of those instructions before you buy. It also offers some explanation about how it works.

NOTE: Back up everything from the ramdisk that you want to keep before you turn the power off, or all your ramdisk stored files are gone (silently). Use the CP/M DIR command to find out if your files are being temporarily stored on the RAM disk.

E-Systems offers BANDUA a discount of 20% off the current list price of \$795 if six BANDUA members order at one time. Call E-Systems for more information at (415) 486-0686. Then drop a note to BANDUA if you get really interested. If we get six people together we will coordinate an order. E-Systems is located in Berkeley at 2308 Fourth Street.

THE BUSINESS COMPUTER NETWORK (BCN)

Business Computer Network or BCN is a way to explore and use all the famous data bases and networks at reduced rates via local (uplink) phone numbers. To get the smoothest use out of BCN you need a modem with the "auto-dial" feature. A Hayes Smartmodem II is more than adequate to do the job.

What is an auto-dial modem? It is a modem that allows you to dial out using your keyboard or by means of a program you run in your computer. That is what BCN does, it dials all

the proper numbers for you. To help you get an auto-dialing modem cheap you can mailorder a Signalmen VII from them for about \$100.

You start by applying for BCN membership (about \$5/month) from your keyboard. After you boot up the floppy and run BCN, it somehow knows you are new and asks you if you care to join. If you do, you apply right then. The second you are through applying, the BCN program start calling out and tells the Wyoming office they have a new member! Then they check if your Master Charge card is for real. If so, you are in business. Look, Mom, no papers!

Now you are ready to roam the vast expanse of the data based network world, chat with total strangers, check the weather or the stockmarket. But only if you have a Kaypro! So we called the BCN people Wyoming. How about us Morrow users? Wait, wait, they said. Just like you we just got started and we only have a version for the Kaypro right now and the IBM PC will be next and, what was your computer again? Morrow, we said, Micro Decision; why don't you come out and tell us about it at our meeting? They said they would like to if only there were more of them.



Well, we'll see what happens. May they grow as fast as Morrow, or BANDUA for that matter. Keep your ears to the ground.

COMPUTER SWAPS AND EXPO'S

BANDUA has been invited to "man" a booth at two computer shows. There are benefits: if you "man" a booth you will get a free ticket! The shows are:

COMPUTER SWAP AMERICA, Saturday Nov. 5th, 1983, 10AM TO 6PM. Santa Clara County Fairgrounds, 344 Tully Road, San Jose. Admission \$5, free admission for the booth tenders.

OAKLAND COMPUTER SHOW, Nov. 11th through 13th, 1983.
New convention Center, 10th and Broadway, Oakland.
Admission \$5, free admission for the booth tenders.

The booth in each show is 10 X 10', enough for a table and two chairs.

You'll meet many people and you get to visit the show for free. In return, you'll sell back issues of the BANDUA newsletter, and let more people know about us. If you are interested, write or call BANDUA. Only seven tickets are available on a first come, first serve basis. If you win, plan on spending half-time at the booth --all a human being can take while staying a human being!

FILE TRANSFER BETWEEN DIFFERENT MACHINES

Every Micro computer, even though they may use the same 5" floppies, prides itself on its own unique disk format. The result is that it's hard to transfer files from one machine to another. True, you can use modems but at 300 Baud that is 20 minutes for every 32kB of file --unpractical for long files.

Our Kaypro friends can use a program called UNIFORM. Running on the Kaypro II (and IV and 10, I believe) it can make the B: drive operate as if it was drive for another computer. There is currently a choice of 14 computers the Kaypro can communicate with including Morrow SSDD, IBM PC CP/M-86 SSDD, OSBORNE, DEC VT180, TRS-80 Mod I, etc.

Wouldn't you wish we had a UNIFORM for the Morrows? Well, it is coming in an expanded (22-computer) version. We talked to the manufacturers, Micro Solutions in DeKalb, IL. There is a possibility of a special introductory deal for our users' group. If enough people sign up, we can get the software plus a tiny manual for a little more than half price.

We will do this only once! Your cost will be \$ 30 or less. If you are interested, reserve a copy by mailing a \$30 check to BANDUA. Include a note that says what the check's for. The check will not be cashed until the deal is made (early November). If it falls through or it takes too long we'll mail back your check.

A DREAM TODAY COULD BE A PIPELINE TO MORROW

Wouldn't it be nice if we had a direct pipeline to Morrow? Some hot-line with friendly, helpful and capable people on the other end? We all have dreamed of that facility. But Morrow is not ready to provide that kind of

service. They are growing so fast they can barely keep up with themselves.

In the meantime, BANDUA and Morrow will try an experimental service.

Every member can send in written questions about Morrow computer related problems to the BANDUA P.O. Box; the questions will be referred to the most qualified person available within the Morrow organization. Answers will filter back and be published in the newsletter. Of course you may have to wait for your answer to come back, but that is not uncommon with magazines and other publications.

Questions can be mailed in to BANDUA P.O. Box 5152, Berkeley, CA 94705, or they can be generated from the "pass-the-notepad" procedure which we will introduce at the next meeting. Let's give it a try and see what happens.

A real live hot-line to Morrow may or may not be in the future. But refer to the article in this issue about plans for a cooperative consultants referral system. We may get a hot-line of some sort yet.

INTRODUCING "PASS-THE-NOTEPAD"

The idea of "pass-the-notepad" is borrowed from a well-known users group. It has served them well for years. We would like to develop this procedure for BANDUA.

At the next meeting we will pass around two or three note pads. You can write a question and sign it with your name and phone number(s).

If you think you have the answer, write it down beneath the original question. Add your name and phone number.

If you write legibly, we will publish all the questions and answers in edited form in the next newsletter. Unanswered questions will be forwarded to Morrow. Questions with dubious answers will also be forwarded to Morrow for an accuracy check.

Below follows an example of what the edited questions and answers may look like in the following newsletter:

- ## Who can help me configure my "Rapid Typewriter" printer to WordStar. Having a terrible time. Dorothy Cheaper, (415) 111-1234.
(Referred to Morrow, Ed.)
- ## Does anybody know how to get hold of memory diagnostics? Stan Chipman, (415) 999-1234
- > Sure, they are in Volume # 235 of the BANDUA

library and they are moderately effective. Marv.

- ## Who would be willing to tutor me with Personal Pearl? I need to learn quick and will pay you little. Paula Filer, 888-1234.
- > Call me, Steve Baseman, 777-1234
- > Call me too, Hank Hacker, 666-1234
- > Read the damn manual! I did not write it for fun! Jonathan Whitehand (Do not call me.)

Mail in your comments on this procedure, or tell us what you think of it at the next meeting.

PLANS FOR A CONSULTANT REFERRAL AND HOT-LINE SERVICE

During the last meeting some people brought up the idea of shared computer (hardware and software) consultants. At least one person felt that he would pay a much higher membership fee if such a service was available through BANDUA.

There are some things to keep in mind -- BANDUA was set up on the basis of low expense for its membership. But it is possible to institute some referral and hot-line service for those who want to pay for it on a contract basis.

We have been trying to discuss the idea with two local consultants associations in the Bay Area. Perhaps we could develop a procedure whereby "hot-line" members can call an answering service set up by a group of consultants.

A person on the other end would match a caller to a consultant. "Hot-line" members could be entitled to, say, 10 calls per month for a basic "hot-line" membership fee. If the quota of calls in a given month is not used up, call-units could accumulate to be used in the next month and so forth.

A phone call from consultant to client could be limited to 10 minutes. If more extensive help is needed, client and consultant could negotiate a private arrangement outside of the "hot-line" procedure.

Anyone interested in helping to develop this idea? It could be extremely useful to some, moderately useful to many, both clients and consultants. If you know of any more consultants associations than the ones publicized in the bi-weekly "Computer Classifieds" let us know. We need to define:

- o Who would administer the service?
- o How much would it cost?

Think about it; drop BANDUA a note or call (415) 658-0152; talk with consultants if you know any to see what they think and tell us about it at the next meeting, write a piece for the newsletter.

#####

ADVERTISING IN THE BANDUA NEWSLETTER

Starting with this October's issue, BANDUA is accepting display advertisements. We appreciate the support for the newsletter from advertisers. It is also an excellent opportunity for you, the advertiser, to get your message across to a group with a focussed interest.

Many members send letters or make calls to BANDUA to ask about products and services, but we are not in a position to recommend specific vendors. Still, it is important that our membership hears from you and what you have to offer. What better way than to place an ad?

BANDUA members are always searching for better and more convenient ways to acquire supplies, equipment and services.

BANDUA members are continuously in need of tutoring services, consulting on hardware and software development, training in specific areas.

A display advertisement in this newsletter is an efficient way for them to get in touch with you and an economical way for you to proclaim your services.

Our press run is currently 250. It increases each month along with the membership.

You have your choice of full page (5.5 X 8.5 inch), half page or even quarter page ads. Our rates are quite reasonable and can be negotiated by calling:

BANDUA (415) 658-0152
Attn. Newsletter advertising
P.O. Box 5152, Berkeley, CA 94705

We'd like your camera ready copy of the desired size or we will reproduce your business card. We can reduce but not enlarge.

Advertisements will be accepted from members and vendors alike; the material of the ad should be appropriate to the general activities of our users' group.

Let's hear from you. Our dead-line for copy submission is the 10th of each month.

BE KNOWN. ADVERTISE IN THE BANDUA NEWSLETTER

#####

FROM THE BOARD

First let us introduce ourselves, the yet incomplete set of officers and directors of the board of BANDUA:

Sypko Andreae	- Chairman
Mitchell Tannenbaum	- Vice-Chairman
Ken Briney	- Treasurer
Lenore Weiss	- Newsletter Editor
Marv Winzenread	- Librarian
(open)	- Secretary
(open)	- Membership administrator
(open)	- Meeting Program coordinator

The projects we are involved in are: running the meetings; getting the newsletter out on time (10 days before the meeting); acquiring tax-exempt status as a non-profit corporation; developing and distributing a public domain software library; getting advertising for the newsletter; developing a new and better database for the membership; exploring the possibility of a consultants referral service; developing liaisons with Morrow, with the dealers, and with other Morrow and non-Morrow users' groups; finding interesting guest speakers for our meetings; finding good meeting locations and much, much more.

We work with a growing team of members who take care of the many jobs to be done. This not only spreads around the work (we are all volunteers, you know), but it is also interesting and fun. As a team member you make interesting connections and learn from the various, often surprising experiences. Many times you get special or free access to events that other people have to pay for.

If you feel like getting even more out of your membership, talk with any of the officers or call or write BANDUA. We will help you get going on a brilliant career.

TREASURERS REPORT

Funds on hand September 1, '83	742.67
Income	475.00
Expense	457.28
Balance September 30, '83	760.39

Expense detail:

Rental Berkeley Library, Sept.	10.00
Franchise Tax Board - tax deposit	200.00
Secretary of State - filing fee	25.00
Stamps 20c	100.00
Newsletter printing	92.28
Rental Berkeley Library, 3 months	30.00

Total	457.28

Ah! All you proud new owners of computing machines. Welcome to the to the quickly multiplying crowds of people who have mixed feelings about relating to computers. Help is on the way! In this column Dr. Mindopener will entertain your questions and probe your feelings pertaining your relationship with your computer. Send 'em, carefully wrapped, to BANDUA, Box 5152 Berkeley, CA 94705 attn.: Dr. Mindopener.

Rather than witnessing your frustrations, your feelings of lack of power, inferiority, tension and exhaustion, Dr. Mindopener will, in this column, do his little bit to help you on the road to full awareness of the beautiful computer operator you really are!

Today we look at "Not Knowing and Not Asking", a dreadful state of mind in which you cannot afford to stay very long or else your computer will find out and overcome you! Never that ...

Suppose you are at a meeting and discover there is something you don't know. You want to ask, but you don't. Feel that strange tension that increases the pitch of your voice and makes your knees shake quietly? No wonder you don't want to get up (shaky knees) and ask your question (squeaky voice). You think: "What will all the other people think of me asking about such a very simple problem?". And before you even asked anything at all, you already feel stupid, embarrassed, inferior and anything to keep yourself from asking. Feels familiar? Aha! On the couch with you ...

Now consider this: About 90% of the BANDUA membership knew nothing about computers before they got their Morrow machine. Today they know very little more, just enough to get by. Conclusion: You are not alone! You are the majority! Consider also: If you don't know, you are not stupid, you simply don't know! That is ALL there is to it.

Cure: Meditate on this for 15 minutes. If you still have any lingering feelings that it is wrong that you don't know something, take the ultimate self-treatment in order to relief you from your anxiety, your feelings of inferiority and stupidity:



Go ahead, do it. See how much better you feel already? Besides, there is a small bonus: You may know a little more about what you were asking. Now, isn't it nice the way the universe operates?

Therefore: ASK, my friends, ASK! Dr. Mindopener may not know the answer but eventually you will! Aha!

LIBRARY NEWS

Before the last meeting we had a whole team busy copying floppies to be distributed amongst the members. Thank you, Anthony, Ismail, Michael, Alice and Robert for the fast and accurate work.

In the meantime, the copy production team has grown to twice the size. We will need them! By the next meeting there will be three new volumes (5, 6 and 7) from the ever expanding BANDUA library. Much of it is a set of marvelous CP/M utilities useful to writers, hackers, you name it. Thanks to Steve McMahon, Librarian of BAKUP (the Bay Area Kaypro Users and Programmers) for letting us pick through their 25 volume library in search of gems.

Besides Utilities, there are more games, A Z80 assembler and disassembler, a set of text manipulation programs useful to writers, MBASIC and SBASIC programs and much more. Elsewhere in this issue is a concise catalogue of the new volumes. Look before you buy.

All this software is in the public domain. You are not allowed to sell it or use it in conjunction with any profit-making enterprise. Some of the programs in our library are copyrighted and may be distributed only on the condition that a similar injunction be placed on whomever you may give it to. The software is not guaranteed to work on your machine. It may self-destruct. Some programs are experimental and could yield unpredictable results. Other programs are absolutely marvelous and very useful. USE THESE PROGRAMS AT YOUR OWN RISK.

If you know of any good sources of useful programs tell the Librarian. If you make a substantial contribution of your own, you may get a free library volume discretion of the librarian. If you do an outstanding job you may choose two volumes! If you have written little programs in MBASIC or in any other language that have turned out to be really useful, send them in. Don't be shy. Your modest masterpiece may work for an amazing number of other members.

NEW BANDUA LIBRARY VOLUMES.

Below is a catalog of the three new BANDUA LIBRARY volumes. They are Volumes # 5, 6, 7. There emphasis is on utilities, both CP/M and text-processing oriented. You will also find a set of MBASIC programs plus the usual games.

Here is how to run the games: if the game file looks like this: GAME.BAS then put disk with game in drive B and put disk with MBASIC in drive A. After the A> prompt of CP/M enter :

MBASIC B:GAME <CR>

If the game file looks like this : GAME.COM then enter:

GAME <CR>

If you have SBASIC you will enjoy some nicely written examples, too.

As usual, all volumes will be for sale during the last part of the coming meeting (Oct 25th) for \$5 per diskette. (Hurrah for the copy-teen!) If you missed the meeting you can order copies by mail. Order forms appear in each newsletter. Only members are included in the distribution. The distribution of the BANDUA library volumes is for members only. If you are not a member we will quickly help you become one. Please bring your checkbook, because we can accept checks only.

----- BANDUA LIBRARY VOLUME # 5 -- Programming aids and utilities

/	.COM	2k	Submit-type utility, command string driven
ALLOC	.COM	2k	Shows allocation of blocks on disk
COMPARE	.COM	2k	Compares files, shows differences
CROWEASH.COM		8k	Z80 assembler; listing to file; symbol table
CROWEASH.DOC		8k	Documentation for above
DIF	.COM	16k	Creates an editor script of file differences
DIRCHK	.COM	2k	Checks the integrity of the disk directory
FINDBAD	.DOC	4k	Documentation for FINDBAD.COM on Volume # 2
FORTH	.COM	8k	Follows the book "Starting Forth"
PASSWORD.ASM		8k	Source for routine below: It rigs .COM files
PASSWORD.COM		2k	to require a password for execution
PILOT	.DOC	6k	Texas description of Morrow's PILOT
PIPPATCH.ASM		6k	Allows disk registration (reset) within PIP
RESOURCE.DOC		26k	Documentation for REZ80.COM below
REZ80	.COM	8k	Z80 disassembler
SD-44	.COM	2k	Powerful sorted directory lister with
SD-44	.DOC	14k	great options./ Documentation.
SUPERSUB.COM		2k	Improved version of SUBMIT.COM
SUPERSUB.DOC		4k	Documentation for above
TEST1A	.ASM	4k	Test program for Z80 assemblers
TEST2	.ASM	2k	Another one
UNSPPOOL	.COM	2k	Allows concurrent printing and program running
UNSPPOOL	.DOC	12k	Documentation for above
WASH	.DOC	16k	Documentation for WASH.COM, Volume # 1
Z80ASM	.COM	10k	Z80 assembler; listing to printer only
Z80ASM	.DOC	4k	Documentation for above

----- BANDUA LIBRARY VOLUME # 6 -- Text utilities and misc.

BIO	.COM	14k	Biorythm chart generator
BLOCK	.COM	4k	Prints big block-letter messages
COMHEX	.ASM	16k	Source for below
COMHEX	.COM	2k	Converts .COM file into HEX file

COMHEX	.DOC	2k	Documentation for above
DIR22	.COM	4k	Displays a sorted directory of your disk
DUMP	.ASM	6k	Displays a HEX-dump of any file
DUMP	.COM	2k	See above
FONEWORD	.BAS	2k	Makes words out of phone numbers
INDEX101	.COM	12k	Will index WordStar type text files
INDEX101	.DOC	10k	Documentation for above
LABEL	.BAS	4k	Prints labels from console
LINES	.COM	2k	Counts lines and bytes in a text file
LISTT	.COM	2k	Prints files with pagination
LISTT	.DOC	6k	Documentation for above
LPCHR	.BAS	2k	Tests Okidat ML-92 printer
LTYPE	.C	2k	C-Source for below
LTYPE	.COM	4k	Sets computer up as a correcting typewriter
PRIME	.BAS	2k	Generates prime numbers
PRINT	.BAS	4k	Source in SBASIC for routine below
PRINT	.COM	6k	Epson MX print mode controller
PRINT2	.COM	12k	Another MX print mode controller
PRINT2	.DOC	4k	Documentation for above
PW2WS	.COM	8k	Converts Perfect Writer into WordStar files
READ	.COM	2k	Display text file on console with page pause
READIT	.BAS	10k	TYPE like utility in SBASIC
READIT	.DOC	4k	Documentation for above
SORT2	.COM	10k	Improved sorter of lines in a file
SWEEP-37	.DOC	14k	Documentation for program on Volume # 2
WCOUNT	.COM	6k	Determines the wordcount of a text file

BAMDUA SOFTWARE LIBRARY VOLUME # 7 -- MBASIC PROGRAMS

-BAMDUA	.007	2K	This file
-README	.DOC	14k	Documentation for half of these programs
BUBBLE	.BAS	6k	Game program from FOG library
BUBBLE	.DOC	2k	Documentation for the above
CASTLE	.BAS	26k	Game program from FOG library
CASTLE	.DOC	16k	Documentation for the above
CHECKERS	.BAS	3K	Game program from FOG library
CHOMP	.BAS	3K	Game program from FOG library
CIA	.BAS	16k	Game program from FOG library
COMPRESS	.BAS	2k	See README.DOC
DOCUMENT	.BAS	12k	See README.DOC
EUCLID	.BAS	2k	See README.DOC
FRACTION	.BAS	6k	See README.DOC
GAMMON	.BAS	16k	Game program from FOG library
HEXAPAWN	.BAS	5K	Game program from FOG library
LEM	.BAS	6k	Game program from FOG library
MAGIC3X3	.BAS	2k	See README.DOC
MAGIC4X4	.BAS	4k	See README.DOC
NUCREAC	.BAS	8k	Game program from FOG library
PF	.DAT	6k	See README.DOC (Goes with DOCUMENT.BAS)
SORT	.BAS	4k	See README.DOC
TIMER	.BAS	6k	See README.DOC
TOSSDICE	.BAS	2k	See README.DOC
TRAP	.BAS	2K	Game program from FOG library
WORDPROB	.BAS	6k	See README.DOC

ORDER BLANK FOR BANDUA LIBRARY VOLUMES

DATE: _____ YOUR PHONE: _____

YOUR NAME: _____

ADDRESS: _____

_____ ZIP _____

PLEASE SEND ME THE FOLLOWING BANDUA LIBRARY VOLUMES AT
\$7.00 PER FLOPPY. I HAVE JOINED BANDUA AS A MEMBER.

VOLUME #	QUANTITY	PRICE
----------	----------	-------

-----	-----	\$-----
-------	-------	---------

-----	-----	\$-----
-------	-------	---------

-----	-----	\$-----
-------	-------	---------

-----	-----	\$-----
-------	-------	---------

-----	-----	\$-----
-------	-------	---------

TOTAL ENCLOSED:		\$-----
-----------------	--	---------

=====

Please enclose a check for
exact amount. Mailing and
packaging is included.
Make check out to BANDUA.

BANDUA, P.O. BOX 5152
BERKELEY, CA 94705

ORDER BLANK FOR BANDUA NEWSLETTER BACK ISSUES

DATE: _____ YOUR PHONE: _____

YOUR NAME: _____

ADDRESS: _____

_____ ZIP _____

PLEASE SEND ME THE FOLLOWING BACK ISSUES OF THE BANDUA
NEWSLETTER, VOLUME 1. I AM A MEMBER OF BANDUA. (Issues 1+2+3
together cost \$1.- . Issues #4, 5 and 6 cost \$1.50 each.)

ISSUE #	QUANTITY	PRICE
---------	----------	-------

-----	-----	\$-----
-------	-------	---------

-----	-----	\$-----
-------	-------	---------

-----	-----	\$-----
-------	-------	---------

-----	-----	\$-----
-------	-------	---------

TOTAL ENCLOSED:		\$-----
-----------------	--	---------

Please enclose a check for
exact amount. Mailing and
packaging is included.
Make check out to BANDUA.

BANDUA, P.O. BOX 5152
BERKELEY, CA 94705

NETWORK FOR MUTUAL ASSISTANCE BETWEEN MEMBERS BY PHONE.

Our membership database information is not made public. Several people have agreed to make their names and phone numbers public for the purpose of mutual assistance. You can be a complete novice and be on this list. If you want to add you name to the list, drop a note to BANDUA, P.O. Box 5152 in Berkeley, CA 94705, or call (415) 658-0152.

(415) 355-8052 * Harriet Ashley, Pacifica, CA 94044
 (415) 666-5251 * Dennis Black, San Francisco, CA 94102
 (916) 944-4653 * Martin Brett, Carmichael, CA 95608
 (111) 561-2016 * Robert Brower, San Francisco, CA 94114
 (415) 383-3222 * Virginia Brunini, Tiburon, CA 94920
 (415) 527-7432 * Arthur W. Callender, Kensington, CA 94707
 (209) 835-4187 * Charlie W. Canon, Tracy, CA 95376
 (415) 531-6541 * David Chaika, Oakland, CA 94602
 (415) 581-4862 * Carl Chan, Hayward, CA 94541
 (415) 887-2973 * Mike Collins, San Lorenzo, CA 94580
 (415) 483-6358 * Hector Conde, San Leandro, CA 94577
 (415) 652-0453 * Lanny Cotler, Berkeley, 94701
 (707) 523-3375 * Alan B. Cruise, Santa Rosa, CA 95405
 (408) 287-2961 * Terri Dill, San Jose, CA 95125
 (415) 381-0519 * Steve Edgett, Mill Valley, CA 94941
 (415) 550-1183 * Arnold Feldman, San Francisco, CA 94109
 (415) 845-5749 * Benjamin P. Fisher, Berkeley, CA 94708
 (415) 878-9153 * Edward Golod, Daly City, CA 94015
 (415) 540-5373 * Ryo Inamura, Berkeley, CA 94704
 (415) 826-0367 * Abigail Johnaton, San Francisco, CA 94107
 (415) 821-3339 * Ray Kastl, San Francisco, CA 94101
 (415) 653-7199 * Alan Kornfeld, San Francisco, CA 94133
 (415) 525-8344 * Eugene Korte, El Cerrito, CA 94530
 (415) 548-4003 * Nelson Leance, San Francisco, CA 94131
 (415) 334-3294 * Hoover Liddell, San Francisco, CA 94112
 (415) 922-3912 * Manfred Mackeben, San Francisco, CA 94115
 (415) 531-3574 * Minnie Mast, Oakland, CA 94602
 (415) 345-8684 * Bill McCord, Foster City, CA 94404
 (415) 479-0351 * Allen H. Mines, San Rafael, CA 94903
 (415) 821-4477 * Murray Mintz, San Francisco, CA 94110
 (415) 821-4965 * Bud Mohr, San Francisco, CA 94114
 (415) 441-8082 * Joan Nelson, San Francisco, CA 94109
 (415) 881-3433 * Tom Palmer, Pleasant Hill, CA 94523
 (415) 776-6705 * Dan Robinson, San Francisco, CA 94109
 (415) 526-4356 * Carla Z. Rosenlicht, Berkeley, CA 94708
 (415) 851-7241 * David Rosner, Woodside, CA 94062
 (415) 456-2383 * John Salz, Ross, CA 94957
 (415) 841-0997 * Robert Silvey, Berkeley, CA 94709
 (415) 763-7369 * D. Wayne Smith, Oakland, CA 94606
 (415) 654-3047 * Robert Solocay, Oakland, CA 94618
 (415) 341-6949 * Lloyd Spitz, San Mateo, CA 94403
 (415) 665-4368 * Sherry Spitzer, San Francisco, CA 94122
 (415) 586-6280 * Robert G. Spotorno, San Francisco, CA 94101
 (415) 346-8036 * Mitchell Tannenbaum, San Francisco, CA 94108
 (415) 878-4914 * Kathy Uhl, San Francisco, CA 94121
 (209) 477-7896 * Patricia R. Voss, Stockton, CA 95209

CMDUG

Connecticut's Micro Decision Users Group Newsletter

226 BOSTON POST ROAD, ORANGE, CT. 06477

SEPTEMBER 1983

VOL. 1 NO. 2

The Connecticut Micro Decision Users Group (CMDUG) has been formed as a users group for all persons who use or are interested in the Micro Decision computer. Membership is currently available to any interested party whether or not they currently own a computer. CMDUG is published quarterly for its members. A subscription is included with membership in CMDUG: \$12.00/YR published quarterly, address all inquiries to CMDUG 226 Boston Post Road, Orange, CT. 06477. Meetings held 2nd Wednesday evening of each month @ 8:00PM

CONNECTICUT'S MICRO DECISION USERS GROUP

CP/MORROW

Computer Group

NEWSLETTER

SEND EXCHANGE NEWSLETTERS TO:
P. O. BOX 654
CARMICHAEL, CA 95608

OCTOBER

1983

***** NEXT MEETING OCTOBER 2 - SEE BACK COVER FOR PLACE AND TIME *****

CP/MORROW COMPUTER GROUP

P. O. BOX 654

CARMICHAEL, CA 95608

This is the first issue of the CP/MORROW

COMPUTER GROUP NEWSLETTER. It is for the

happened since our first meeting.

Probably the most significant event to

take place, besides meeting at a meeting

of unofficial status, was on Monday night,

9/19/83. In attendance were: Ron Heber, Jim

Riffe, Jeff Paxton, Mike Dean and myself.

A board was formed as follows:

OFFICERS

PRESIDENT: Ron L. Heber, 743-7374

Heber's leadership ability, Secretary Jeff Paxton's managerial skills and as Vice President my technical competence will provide a solid foundation for the CP/MORROW Computer Group's continued success.

Jim Riffe
Vice President

BOARD DECISIONS

The following are some of the decisions made by the new board.

DUES

The board decided on the cost of dues to become a club member. The amount is \$12.00.

WE EXCHANGE NEWSLETTERS WITH OTHER GROUPS AS THE EMERGE.

* Next meeting:
 *
 * WHEN: Tuesday, 25th October 1983, 7:30 PM
 * WHERE: Cal State College Hayward
 * South Science Building, room 147
 * HOST: Marvin Winzenread, our librarian, who will
 * demonstrate to us his array of MD-2's all
 * interconnected via a larger computer.
 *
 *

COMPARE!

★ APPLE IIe PACKAGE * Special \$1,675 * Compare!!! ★

MODEMS

J-CAT	\$139
SMART 300	245
MICRO MODEM II	299
NOVA APPLE CAT	325

DISKS

NASHUA (10) 550	22
VERBATIM DATA (10) 550	28
VERBATIM CLEANER	13

PERIPHERALS

DAISY APPLE DRIVE	275
AMDEK 300A MONITOR	185

SPIN-TRONICS

**2490 Channing Way Suite 409 at Telegraph, Berkeley
(415) 843-2746 • MODEM LINE (415) 843-2749**

